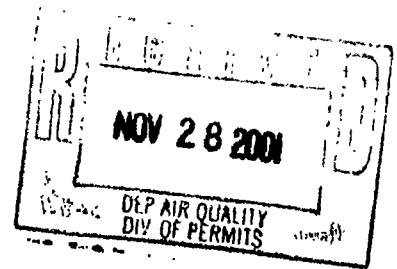


**Appendix B**

**Reliant Energy Operating Permit**



**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
AIR QUALITY PROGRAM  
NORTHWEST REGION**

**TITLE V OPERATING PERMIT**

**Reliant Energy Mid-Atlantic Power Holdings, LLC  
Warren Generating Station  
TV 62-00012**

**Amended  
November 21, 2001**

**Based upon Pennsylvania's Operating Permit Program  
25 Pa. Code Chapter 127  
Effective November 25, 1994**

**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
AIR QUALITY PROGRAM**

TITLE V/STATE OPERATING PERMIT  
ISSUE DATE: 04-MAY-00 EFFECTIVE DATE: 21-NOV-01

In accordance with the provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and 25 Pa. Code Chapter 127, the Owner, (and Operator if noted) (hereinafter referred to as permittee) identified below is authorized by the Department of Environmental Protection (Department) to operate the air emission source(s) more fully described in the site inventory list. This Facility is subject to all terms and conditions specified in this permit. Nothing in this permit relieves the permittee from its obligations to comply with all applicable Federal, State and Local laws and regulations.

The regulatory or statutory authority for each permit condition is set forth in brackets. All terms and conditions in this permit are federally enforceable applicable requirements unless otherwise designated as "State-Only" or "non-applicable" requirements.

TITLE V PERMIT NO: 62-00012  
TAX ID - PLANT CODE 52-2154847-2

OWNER RELIANT ENERGY MID ATLANTIC POWER HOLDINGS LLC  
MAILING 1001 BROAD STREET  
ADDRESS JOHNSTOWN, PA. 15907

PLANT RELIANT ENERGY MID A/WARREN STATION  
LOCATION 62 Warren County 62907 Conewango  
SIC CODE 4911 Trans. & Utilities - Electric Services

RESPONSIBLE OFFICIAL  
NAME JAMES V LOCHER  
TITLE DESIGNATED REPRESENTATIVE

PERMIT CONTACT PERSON  
NAME TIMOTHY E MCKENZIE  
TITLE SENIOR ENVIRONMENTAL SCIE  
PHONE (814) 533-8670

[SIGNATURE]   
LARRY W WONDERS, NORTHWEST REGION AIR PROGRAM MANAGER

Source ID: 031  
Source Name: Boiler NO. 1

**I. RESTRICTIONS.**

**Emission Limitation(s).**

- a) No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO<sub>2</sub>, in excess of the following:
  - 1. 4.00 lb/mmbtu over a 3-hour period
  - 2. 3.53 lb/mmbtu over a 24-hour period
  - 3. 3.53 lb/mmbtu annually
- b) Compliance with these limits is determined by using a single CEMS measuring aggregate SO<sub>2</sub> emissions from all operating boilers, as required under Condition #009, below.

**III. MONITORING REQUIREMENTS.**

*#009 [25 Pa. Code 123.25]*

*Monitoring requirements*

- a) The permittee shall install, operate and maintain a continuous SO<sub>2</sub> monitoring system to monitor SO<sub>2</sub> emissions from the four boilers where all four boilers exhaust into a common stack containing a single CEMS in compliance with 25 PA Code Chapter 139 Subchapter C (relating to requirements of continuous in-stack monitoring for stationary sources). Results of emission monitoring shall be submitted to the Department on a regular basis in compliance with 25 PA Code Chapter 139, Subchapter C.
- b) The Department may use the data from the SO<sub>2</sub> monitoring devices to enforce the emission limitations for SO<sub>2</sub> defined in this permit.
- c) The Department may use the data from the SO<sub>2</sub> monitoring systems to determine compliance with the applicable emission limitations for SO<sub>2</sub> established in this permit.

**Source ID: 032**

**Source Name: Boiler NO. 2**

**I. RESTRICTIONS.**

**Emission Limitation(s).**

- a) No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO<sub>2</sub>, in excess of the following:
  - 1. 4.00 lb/mmbtu over a 3-hour period
  - 2. 3.53 lb/mmbtu over a 24-hour period
  - 3. 3.53 lb/mmbtu annually
- b) Compliance with these limits is determined by using a single CEMS measuring aggregate SO<sub>2</sub> emissions from all operating boilers, as required under Condition #009, below.

**III. MONITORING REQUIREMENTS.**

*#009 [25 Pa. Code 123.25]*

*Monitoring requirements*

- a) The permittee shall install, operate and maintain a continuous SO<sub>2</sub> monitoring system to monitor SO<sub>2</sub> emissions from the four boilers where all four boilers exhaust into a common stack containing a single CEMS in compliance with 25 PA Code Chapter 139 Subchapter C (relating to requirements of continuous in-stack monitoring for stationary sources). Results of emission monitoring shall be submitted to the Department on a regular basis in compliance with 25 PA Code Chapter 139, Subchapter C.
- b) The Department may use the data from the SO<sub>2</sub> monitoring devices to enforce the emission limitations for SO<sub>2</sub> defined in this permit.
- c) The Department may use the data from the SO<sub>2</sub> monitoring systems to determine compliance with the applicable emission limitations for SO<sub>2</sub> established in this permit.

**Source ID: 033**  
**Source Name: Boiler NO. 3**

**I. RESTRICTIONS.**

**Emission Limitation(s).**

- a) No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO<sub>2</sub>, in excess of the following:
  - 1. 4.00 lb/mmbtu over a 3-hour period
  - 2. 3.53 lb/mmbtu over a 24-hour period
  - 3. 3.53 lb/mmbtu annually
- b) Compliance with these limits is determined by using a single CEMS measuring aggregate SO<sub>2</sub> emissions from all operating boilers, as required under Condition #009, below.

**III. MONITORING REQUIREMENTS.**

*#009 [25 Pa. Code 123.25]*

*Monitoring requirements*

- a) The permittee shall install, operate and maintain a continuous SO<sub>2</sub> monitoring system to monitor SO<sub>2</sub> emissions from the four boilers where all four boilers exhaust into a common stack containing a single CEMS in compliance with 25 PA Code Chapter 139 Subchapter C (relating to requirements of continuous in-stack monitoring for stationary sources). Results of emission monitoring shall be submitted to the Department on a regular basis in compliance with 25 PA Code Chapter 139, Subchapter C.
- b) The Department may use the data from the SO<sub>2</sub> monitoring devices to enforce the emission limitations for SO<sub>2</sub> defined in this permit.
- c) The Department may use the data from the SO<sub>2</sub> monitoring systems to determine compliance with the applicable emission limitations for SO<sub>2</sub> established in this permit.

Source ID: 034

Source Name: Boiler NO. 4

#### I. RESTRICTIONS.

##### Emission Limitation(s).

- a) No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO<sub>2</sub>, in excess of the following:
  - 1. 4.00 lb/mmbtu over a 3-hour period
  - 2. 3.53 lb/mmbtu over a 24-hour period
  - 3. 3.53 lb/mmbtu annually
- b) Compliance with these limits is determined by using a single CEMS measuring aggregate SO<sub>2</sub> emissions from all operating boilers, as required under Condition #009, below.

#### III. MONITORING REQUIREMENTS.

#009 [25 Pa. Code 123.25]

*Monitoring requirements*

- a) The permittee shall install, operate and maintain a continuous SO<sub>2</sub> monitoring system to monitor SO<sub>2</sub> emissions from the four boilers where all four boilers exhaust into a common stack containing a single CEMS in compliance with 25 PA Code Chapter 139 Subchapter C (relating to requirements of continuous in-stack monitoring for stationary sources). Results of emission monitoring shall be submitted to the Department on a regular basis in compliance with 25 PA Code Chapter 139, Subchapter C.
- b) The Department may use the data from the SO<sub>2</sub> monitoring devices to enforce the emission limitations for SO<sub>2</sub> defined in this permit.
- c) The Department may use the data from the SO<sub>2</sub> monitoring systems to determine compliance with the applicable emission limitations for SO<sub>2</sub> established in this permit.

Source ID: 035

Source Name: COMBUSTION TURBINE

**I. RESTRICTIONS.**

**Emission Limitation(s).**

#002[25 Pa. Code 123.21]  
*General*

No person may permit the emission into the outdoor atmosphere of sulfur oxides in a manner that the concentration of the sulfur oxides, expressed as SO<sub>2</sub>, in the effluent gas exceeds 500 parts per million, by volume, dry basis.